

**In the Specification**

*Kindly replace paragraphs [0088] through [0089] with the following:*

**2. NONMUTATED MATRIX B**

[0088]      Attributed values:

B1 = 0, if any individual couple of motifs mutated simultaneously

B2 = 1, if another case (e.g. couple of motifs never having had mutated simultaneously)

POSITION	0 1 2 3 4 5 6 7 8 9
POS0	1 1 1 1 1 1 1 1 1 1
POS1	1 0 0 1 1 1 1 1 1 1
POS2	1 0 0 1 1 1 1 0 1 1
POS3	1 1 1 1 1 1 1 1 1 1
POS4	1 1 1 1 1 1 1 1 1 1
POS5	1 1 1 1 1 1 1 1 1 1
POS6	1 1 1 1 1 1 0 1 0 1
POS7	1 1 <u>[[1]]</u> 0 1 1 1 1 0 1 1
POS8	1 1 1 1 1 1 0 1 0 1
POS9	1 1 1 1 1 1 1 1 1 1

**3. MUTATED MATRIX C**

[0089]      Attributed values:

C1 = 1, if a couple of motifs mutated simultaneously and no motif mutated alone or never mutated,

C2 = 0, other cases.

POSITION	0123456789
POS0	0000000000
POS1	0000000000
POS2	0000000000
POS3	0000000000
POS4	0000000000
POS5	0000000000
POS6	0000000010
POS7	0000000000
POS8	0000001000
POS9	0000000000